

# Environmental Protection Agency

§ 420.104

## SUBPART J—Continued

Pollutant or pollutant property	BAT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
Zinc .....	0.000376	0.000125
Naphthalene .....	0.000125	.....
Tetrachloroethylene .....	0.000188	.....

<sup>1</sup> The limitations for chromium and nickel shall be applicable in lieu of those for lead and zinc when cold rolling wastewaters are cotreated with descaling or combination acid pickling wastewaters.

### (4) Direct application—single stand.

## SUBPART J

Pollutant or pollutant property	BAT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kg (pounds per 1,000 lb) of product	
Chromium <sup>1</sup> .....	0.000376	0.000150
Lead .....	0.000169	0.0000563
Nickel <sup>1</sup> .....	0.000338	0.000113
Zinc .....	0.000113	0.0000376
Naphthalene .....	0.0000376	.....
Tetrachloroethylene .....	0.0000563	.....

<sup>1</sup> The limitations for chromium and nickel shall be applicable in lieu of those for lead and zinc when cold rolling wastewaters are treated with descaling or combination acid pickling wastewaters.

### (5) Direct application—multiple stands.

## SUBPART J

Pollutant or pollutant property	BAT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kg (pounds per 1,000 lb) of product	
Chromium <sup>1</sup> .....	0.00167	0.000668
Lead .....	0.000751	0.000250
Nickel <sup>1</sup> .....	0.00150	0.000501
Zinc .....	0.000501	0.000167
Naphthalene .....	0.000167	.....
Tetrachloroethylene .....	0.000250	.....

<sup>1</sup> The limitations for chromium and nickel shall be applicable in lieu of those for lead and zinc when cold rolling wastewaters are treated with descaling or combination acid pickling wastewaters.

### (b) Cold worked pipe and tube.

#### (1) Using water.

## SUBPART J

Pollutant or pollutant property	BAT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kg (pounds per 1,000 lb) of product	
Chromium <sup>1</sup> .....	0.0000209	0.0000084
Lead .....	0.0000094	0.0000031
Nickel <sup>1</sup> .....	0.0000188	0.0000063
Zinc .....	0.0000063	0.0000021

<sup>1</sup> The limitations for chromium and nickel shall be applicable in lieu of those for lead and zinc when cold forming wastewaters are treated with descaling or combination acid pickling wastewaters.

### (2) Using oil solutions.

## SUBPART J

Pollutant or pollutant property	BAT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kg (pounds per 1,000 lb) of product	
Chromium <sup>1</sup> .....	0.0000209	0.0000084
Lead .....	0.0000094	0.0000031
Nickel <sup>1</sup> .....	0.0000188	0.0000063
Zinc .....	0.0000063	0.0000021
Naphthalene .....	0.0000021	.....
Tetrachloroethylene .....	0.0000031	.....

<sup>1</sup> The limitations for chromium and nickel shall be applicable in lieu of those for lead and zinc when cold forming wastewaters are treated with descaling or combination acid pickling wastewaters.

[47 FR 23284, May 27, 1982, as amended at 49 FR 21035, May 17, 1984]

## § 420.104 New source performance standards (NSPS).

The discharge of wastewater pollutants from any new source subject to this subpart shall not exceed the standards set forth below.

### (a) Cold rolling mills.

#### (1) Recirculation—single stand.

## SUBPART J

Pollutant or pollutant property	New source performance standards	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kg (pounds per 1,000 lb) of product	
TSS .....	0.00125	0.000626

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Pollutant or pollutant property	New source performance standards	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
O&G .....	0.000522	0.000209
Chromium <sup>1</sup> .....	0.0000209	0.0000084
Lead .....	0.0000094	0.0000031
Nickel <sup>1</sup> .....	0.0000188	0.0000063
Zinc .....	0.0000063	0.0000021
Naphthalene .....	0.0000021	.....
Tetrachloroethylene .....	0.0000031	.....
pH .....	( <sup>2</sup> )	( <sup>2</sup> )

<sup>1</sup>The limitations for chromium and nickel shall be applicable in lieu of those for lead and zinc when cold rolling wastewaters are cotreated with descaling or combination acid pickling wastewaters.

<sup>2</sup>Within the range of 6.0 to 9.0.

(2) Recirculation—multiple stands.

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Pollutant or pollutant property	New source performance standards	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
Kg/kg (pounds per 1,000 lb) of product		
TSS .....	0.00250	0.00125
O&G .....	0.00104	0.000417
Chromium <sup>1</sup> .....	0.0000418	0.0000167
Lead .....	0.0000188	0.0000063
Nickel <sup>1</sup> .....	0.0000376	0.0000125
Zinc .....	0.0000125	0.0000042
Naphthalene .....	0.0000042	.....
Tetrachloroethylene .....	0.0000063	.....
pH .....	( <sup>2</sup> )	( <sup>2</sup> )

<sup>1</sup>The limitations for chromium and nickel shall be applicable in lieu of those for lead and zinc when cold rolling wastewaters are treated with descaling or combination acid pickling wastewaters.

<sup>2</sup>Within the range of 6.0 to 9.0.

(3) Combination.

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Pollutant or pollutant property	New source performance standards	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
Kg/kg (pounds per 1,000 lb) of product		
TSS .....	0.0326	0.0163
O&G .....	0.0136	0.00543
Chromium <sup>1</sup> .....	0.000543	0.000217
Lead .....	0.000244	0.0000814
Nickel <sup>1</sup> .....	0.000488	0.000163
Zinc .....	0.000163	0.0000542
Naphthalene .....	0.0000542	.....
Tetrachloroethylene .....	0.0000813	.....

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Pollutant or pollutant property	New source performance standards	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
pH .....	( <sup>2</sup> )	( <sup>2</sup> )

<sup>1</sup>The limitations for chromium and nickel shall be applicable in lieu of those for lead and zinc when cold rolling wastewaters are treated with descaling or combination acid pickling wastewaters.

<sup>2</sup>Within the range of 6.0 to 9.0.

(4) Direct application—single stand.

SUBPART J

Pollutant or pollutant property	New source performance standards	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
Kg/kg (pounds per 1,000 lb) of product		
TSS .....	0.00626	0.00313
O&G .....	0.00261	0.00104
Chromium <sup>1</sup> .....	0.000104	0.0000418
Lead .....	0.0000469	0.0000156
Nickel <sup>1</sup> .....	0.0000939	0.0000313
Zinc .....	0.0000313	0.0000104
Naphthalene .....	0.0000104	.....
Tetrachloro-ethylene .....	0.0000156	.....
pH .....	( <sup>2</sup> )	( <sup>2</sup> )

<sup>1</sup>The limitations for chromium and nickel shall be applicable in lieu of those for lead and zinc when cold rolling wastewaters are treated with descaling or combination acid pickling wastewaters.

<sup>2</sup>Within the range of 6.0 to 9.0.

(5) Direct application—multiple stands.

SUBPART J

Pollutant or pollutant property	New source performance standards	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
Kg/kg (pounds per 1,000 lb) of product		
TSS .....	0.0726	0.0363
O&G .....	0.0302	0.0121
Chromium <sup>1</sup> .....	0.00121	0.000484
Lead .....	0.000545	0.000182
Nickel <sup>1</sup> .....	0.00109	0.000363
Zinc .....	0.000363	0.000121
Naphthalene .....	0.000121	.....
Tetrachloro-ethylene .....	0.000182	.....
pH .....	( <sup>2</sup> )	( <sup>2</sup> )

<sup>1</sup>The limitations for chromium and nickel shall be applicable in lieu of those for lead and zinc when cold rolling wastewaters are treated with descaling or combination acid pickling wastewaters.

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<sup>2</sup>Within the range of 6.0 to 9.0.

- (b) Cold worked pipe and tube mills.  
(1) Using water.

### SUBPART J

Pollutant or pollutant property	New source performance standards	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kg (pounds per 1,000 lb) of product	
TSS .....	0.00125	0.000626
O&G .....	0.000522	0.000209
Chromium <sup>1</sup> .....	0.0000209	0.0000084
Lead .....	0.0000094	0.0000031
Nickel <sup>1</sup> .....	0.0000188	0.0000063
Zinc .....	0.0000063	0.0000021
pH .....	( <sup>2</sup> )	( <sup>2</sup> )

<sup>1</sup>The limitations for chromium and nickel shall be applicable in lieu of those for lead and zinc when cold forming wastewaters are cotreated with descaling or combination acid pickling wastewaters.

<sup>2</sup>Within the range of 6.0 to 9.0.

- (2) Using oil solutions.

### SUBPART J

Pollutant or pollutant property	New Source Performance Standards	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	kg/kg (pounds per 1,000 lb) of product	
TSS .....	0.00125	0.000626
O&G .....	0.000522	0.000209
Chromium <sup>1</sup> .....	0.0000209	0.0000084
Lead .....	0.0000094	0.0000031
Nickel <sup>1</sup> .....	0.0000188	0.0000063
Zinc .....	0.0000063	0.0000021
Naphthalene .....	0.0000021	.....
Tetrachloroethylene .....	0.0000031	.....
pH .....	( <sup>2</sup> )	( <sup>2</sup> )

<sup>1</sup>The limitations for chromium and nickel shall be applicable in lieu of those for lead and zinc when cold forming wastewaters are cotreated with descaling or combination acid pickling wastewaters.

<sup>2</sup>Within the range of 6.0 to 9.0.

[47 FR 23284, May 27, 1982, as amended at 49 FR 21035, May 17, 1984; 49 FR 24726, June 15, 1984]

### § 420.105 Pretreatment standards for existing sources (PSES).

Except as provided in 40 CFR 403.7 and 403.13, any existing source subject to this subpart which introduces pollutants into a publicly owned treatment works must comply with 40 CFR part 403 and achieve the following

pretreatment standards for existing sources.

- (a) Cold rolling.  
(1) Recirculation—single stand.

### SUBPART J

Pollutant or pollutant property	Pretreatment standards for existing sources	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kg (pounds per 1,000 lb) of product	
Chromium <sup>1</sup> .....	0.0000209	0.0000084
Lead .....	0.0000094	0.0000031
Nickel <sup>1</sup> .....	0.0000188	0.0000063
Zinc .....	0.0000063	0.0000021
Naphthalene .....	0.0000021	.....
Tetrachloroethylene .....	0.0000031	.....

<sup>1</sup>The limitations for chromium and nickel shall be applicable in lieu of those for lead and zinc when cold rolling wastewaters are treated with descaling or combination acid pickling wastewaters.

- (2) Recirculation—multiple stands.

### SUBPART J

Pollutant or pollutant property	Pretreatment standards for existing sources	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kg (pounds per 1,000 lb) of product	
Chromium <sup>1</sup> .....	0.000104	0.0000418
Lead .....	0.0000469	0.0000156
Nickel <sup>1</sup> .....	0.0000939	0.0000313
Zinc .....	0.0000313	0.0000104
Naphthalene .....	0.0000104	.....
Tetrachloroethylene .....	0.0000156	.....

<sup>1</sup>The limitations for chromium and nickel shall be applicable in lieu of those for lead and zinc when cold rolling wastewaters are treated with descaling or combination acid pickling wastewaters.

- (3) Combination.

### SUBPART J

Pollutant or pollutant property	Pretreatment standards for existing sources	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kg (pounds per 1,000 lb) of product	
Chromium <sup>1</sup> .....	0.00125	0.000501
Lead .....	0.000563	0.000188
Nickel <sup>1</sup> .....	0.00113	0.000376
Zinc .....	0.000376	0.000125
Naphthalene .....	0.000125	.....